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E Rodier, H Lochard, M Sauceau, JJ ... - European Journal of ..., 2005 - Elsevier

... An **inclusion** complex is, therefore, a specific case of a solid dispersion in which the active substance is dispersed at the molecular ... performed in a SAS configuration, a batch step where the powder is held for a certain time in **supercritical** CO₂, named the **maturing** step and ...

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R Mukhopadhyay - Analytical Chemistry, 2008 - pubs.acs.org

... "If you ever go into a production process where there is an SFC [system] purifying kilogram quantities for **inclusion** into product, there may be ... First, the pumping rates are high, because **supercritical** CO₂ has low viscosity. ... **Cosolvent** modifier flow rate (mL/min) $\geq 10 \geq 10$ None ...

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MJ Cocero, A Martin - Recent Patents on Engineering, 2008 - ingentaconnect.com

... of the super- critical fluid in the process: solvent, anti-solvent, solute, or **co-solvent** [3]. The ... The peculiarity of these nozzles is the **inclusion** of a projecting element in the direc- tion of ... sides of the nozzle, where it is mixed with a perpendicular flow of **supercritical** fluid immediately ...

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J Fages, B Freiss, C Jousset-Dubien, J ... - US Patent App. 10/ ..., 2002 - Google Patents

... would be: [0040] 1. crystallization [0041] 2. solid/liquid separation [0042] 3. drying [0043] 4.

inclusion in the ... support placed in the reactor beforehand, [0095] (a3) washing the complex thus formed with the **supercritical** fluid, then optionally separating the **cosolvent** in the ...

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S Ganta, S Chadwick, D Deshpande, ... - International Journal of ..., 2009 - informaworld.com

... oil, such as those rich in omega-3 PUFA, that can facilitate transport across biological barriers, **inclusion** of mul ... SEDS SCF antisolvent **Cosolvent** ... SCF, **supercritical** fluid; RESS, rapid expansion of **supercritical** solutions; PGSS, precipitation from gas-saturated solution; GAS, gas ...

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[CITATION] The Encapsulation Art: Scale-up and Applications

MA Galán, CA Ruiz, EM Del Valle - Chemical Engineering: Trends and ..., 2005 - Wiley

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C Vemavarapu, MJ Mollan, M Lodaya, TE ... - International Journal of ..., 2005 - Elsevier

... **Supercritical** fluid (SCF) technology gained significant attention in pharmaceutical research by not only showing a promise in this regard but also accommodating the principles of green chemistry. ... Table 1. Distinguishing various **supercritical** fluid processes. Process, Acronym, ...

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CA Cardona, JA Quintero, IC Paz - Bioresource Technology, 2009 - Elsevier

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Y Shi, W Porter, T Merdan, LC Li - Expert Opinion on Drug ..., 2009 - informahealthcare.com

... **Inclusion** complexes have been exploited to a great extent as drug delivery systems ... drug candidates that cannot be delivered by other systems such as **cosolvent**, complexation, or ... Several companies have developed technologies with the use of **supercritical** fluids (SCFs), in ...

The solvent of choice

T Lawrence, I Wilding, B ... - Soldering and Surface ..., 2001 - emeraldinsight.com

... The delivery of flux solids in **supercritical** carbon dioxide is another option (Busby et al ... Wettability enhancement with organic **co-solvent** was less marked (even at 10 per cent) and was ... **Inclusion** of wetting agent restores wetting performance, with solderability rising to a maximum ...

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